

# Ruckus ZoneDirector Release Notes

Supporting ZoneDirector 10.1.1

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# About This Release

This document provides release information on ZoneDirector release 10.1.1, including new features, enhancements, known issues, caveats, workarounds, upgrade details and interoperability information for version 10.1.1.

## NOTE

By downloading this software and subsequently upgrading the ZoneDirector and/or the AP to version 10.1.1, please be advised that:

- The ZoneDirector will periodically connect to Ruckus and Ruckus will collect the ZoneDirector serial number, software version and build number. Ruckus will transmit a file back to the ZoneDirector and this will be used to display the current status of the ZoneDirector Support Contract.
- The AP may send a query to Ruckus containing the AP's serial number. The purpose is to enable your AP to autonomously connect with a wireless LAN controller operated by your choice of cloud service provider. Ruckus may transmit back to the AP, the Fully Qualified Domain Name (FQDN) or IP address of the controller that the AP will subsequently attempt to join.

Please be advised that this information may be transferred and stored outside of your country of residence where data protection standards may be different.

# Supported Platforms and Upgrade Information

## Supported Platforms

ZoneDirector version **10.1.1.0.26** supports the following ZoneDirector models:

- ZoneDirector 1200
- ZoneDirector 3000

## NOTE

ZoneDirector 5000 is discontinued as of release 10.1, and cannot be upgraded to version 10.1 or later.

## Access Points

ZoneDirector version **10.1.1.0.26** supports the following Access Point models:

- C110
- E510\*
- H320
- H500
- H510
- R300
- R310
- R500
- R510
- R600
- R610

- R700
- R710
- R720
- T300
- T300e
- T301n
- T301s
- T310d
- T310c\*
- T310n\*
- T310s\*
- T610
- T610s
- T710
- T710s
- ZF7055
- ZF7352
- ZF7372
- ZF7372-E
- ZF7781CM
- ZF7782
- ZF7782-E
- ZF7782-N
- ZF7782-S
- ZF7982

**NOTE**

This release adds support for new APs: T310c, T310n, T310s, E510.

## Upgrading to This Version

This section lists important notes on upgrading ZoneDirector to this version.

### *Officially Supported Upgrade Paths*

The following release builds can be directly upgraded to this version:

- 9.13.0.0.232 (9.13 GA)
- 9.13.1.0.11 (9.13 MR1)
- 9.13.1.0.26 (9.13 MR1 Refresh)
- 9.13.2.0.33 (9.13 MR2)
- 9.13.3.0.22 (9.13 MR3)

- 9.13.3.0.41 (9.13 MR3 Refresh)
- 9.13.3.0.106 (9.13 MR3 Refresh 2)
- 9.13.3.0.121 (9.13 MR3 Refresh 3)
- 9.13.3.0.133 (9.13 MR3 Refresh 4)
- 9.13.3.0.145 (9.13 MR3 Refresh 5)
- 9.13.3.0.157 (9.13 MR3 Refresh 6)
- 10.0.0.0.1424 (10.0 GA)
- 10.0.0.0.1449 (10.0 Patch 1)
- 10.0.1.0.17 (10.0 MR1)
- 10.0.1.0.35 (10.0 MR1 Refresh)
- 10.0.1.0.44 (10.0 MR1 Refresh 2)
- 10.0.1.0.61 (10.0 MR1 Refresh 3)
- 10.1.0.0.1515 (10.1 GA)

If you are running an earlier version, you must upgrade one of the above builds before upgrading to this release.

If you do not have a valid Support Entitlement contract, you will be unable to upgrade ZoneDirector to this release. See the *Administer > Support* page for information on Support Entitlement activation.

## Enhancements and Resolved Issues

This section lists new features and enhancements that have been added in this release, and any customer-reported issues from previous releases that have been resolved in this release.

### Enhancements and New Features

This section lists the new features and enhancements in this release.

#### **New Access Points**

- Native support for new Ruckus Access Points: T310c, T310n, T310s, E510

This release adds native support for T310c/n/s and E510 (in addition to T310d, which was supported in release 10.1).

- New AP: T310 Series

The T310 series (T310c, T310d, T310n, T310s) is a new outdoor dual-band 802.11ac Wave 2 AP designed for flexible installation in a wide variety of outdoor environments. The T310d has an omni antenna, an extended temperature range (-40C to 65C), one 10/100/1000 Ethernet port that supports 802.3af PoE in, optional DC power input, and a USB port for IoT devices, such as a BLE or Zigbee dongle, Z-Wave, etc.

The T310c has an omni antenna, with narrower operating temperature range, and no USB port or DC power supply.

The T310s is the sector antenna variant of the T310 series, and the T310n is the narrow sector antenna variant.

- New AP: E510

The E510 is a modular outdoor AP designed for installation in scenarios where the Wi-Fi intelligence and the antenna modules must be physically separated, such as light poles, light fixtures, street furniture, railway carriages and track side installations.

## Resolved Issues

This section lists the customer-reported issues from previous releases that were resolved in this release.

- Resolved an issue where the AP Neighbor List would not be displayed on AP monitoring pages when mesh was disabled. [ER-6017]
- Resolved an issue where traffic counters would receive incorrect accumulation data in accounting packets. [ER-6042]
- Resolved a "Terms of Use" issue where clients would not be properly prompted to accept the terms of use on the Guest Access portal page when the authentication setting was configured as "No authentication" in the Guest Access profile. [ER-6194]
- Resolved an issue where users could not search clients by IP address on the ZoneDirector Clients monitoring page. [ER-6068]
- Resolved an issue where SNMP walk results on nodes "ruckusZDWLANRxByteRate" and "ruckusZDWLANTxByteRate" were always zero. [ER-6152]
- Resolved an issue where ZoneDirector would fail to apply WLAN configuration settings to an AP when packet loss occurred as the AP was joining. [ER-6022]
- Resolved an issue where a false alarm 'failure' message would appear on the web interface when the SMS message was actually sent successfully. [ER-6044]
- Resolved an issue with incomplete translations of self-service guest login screen content into non-English languages. [ER-6107]
- Resolved an incompatibility issue with custom SMS servers that would return an error when trying to test the connection from ZoneDirector to the SMS server in "GET method" mode. [ER-6180]
- Resolved an issue where the Zero-IT file could not be downloaded from ZoneDirector via URL [https://ZD IP\(domain\)/user/user\\_extern\\_prov.jsp](https://ZD IP(domain)/user/user_extern_prov.jsp) [ER-6063]
- Resolved an issue where ZoneDirector would not send a new syslog message when a station rejoins with the same IP address. [ER-6049]
- Resolved an issue where protocol and device types were incorrect in Ekahau tag frames. [ER-6139]
- Resolved an issue where ZoneDirector would fail to forward tunneled packets if the 802.1p value was set as a non-zero value. [ER-6150]
- Resolved an issue where the Apple auto pop-up browser might not show up after association to a Social Media WLAN. [ER-6086]
- Resolved a target fail detected issue on 11ac Wave 2 APs when MU-MIMO is enabled. [ER-6214]
- Removed the extraneous line "signal" from the wireless client detail page. [ER-6151]
- Resolved an issue where clicking one of the health status filters on the Dashboard would not properly redirect to the filtered list of clients/APs according to the health status level. [ER-6149]
- Resolved an issue where Rogue Device reporting would not work properly when the SSID was configured with a non-English WLAN name. [ER-6248]
- Resolved a display issue on the "All Events and Activities" page where the text alignment was wrong when the UI language was other than English. [ER-6284]
- Resolved an issue where guest pass emails would be sent with the default text (in English) for self-service guest passes, even when the text was changed on "customize the email content". [ER-6142]
- Resolved an issue where Radius Authentication with TLS encryption enabled would fail due to ZoneDirector using the default certificate instead of newly imported certificate. [ER-6316]
- Resolved an issue where the AeroScout RFID tag detection would not function properly on 11ac Wave 2 APs. [ER-5935]

- Resolved an issue where the ARP packets for internal communication between AP and CM modules could leak out to the cable network. [ER-5985]

# Caveats, Limitations and Known Issues

This section lists the caveats, limitations and known issues in this release.

- TLSv1.0 has been disabled in this release due to security concerns, and ZoneDirector now supports only TLSv1.1 and v1.2. Browsers that do not support the newer protocols will be unable to access the ZoneDirector web interface or portal pages for WISPr, Guest Access, Web Auth and Social Media authentication. For information on security incidents and responses, see <https://www.ruckuswireless.com/security>. [ZF-18082, ER-6315]